

**EXHIBIT 1**

[Executory Contracts]



Name	Name (cont'd)	Address	Address (cont'd)	City	State	Zip	Country	Contract Description
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW C, as amended (B4234)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW D, as amended (B4287)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW E, as amended (B4329)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW F, as amended (B4415)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW G, as amended (B4635)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW H, as amended (B4659)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #1, as amended (B4339)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #2, as amended (B4339)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #3, as amended (B4339)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #1, as amended (B4702)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW A, as amended (B4775)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW B (B4796)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW I, as amended (B4509)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #3, as amended (B4915)
FujiFilm Diosynth Biotechnologies UK Limited	Attn: General Counsel and Company Secretary	Belasis Avenue		Billingham		TS23 1LH	UK	SOW #4 (B4975)
Haeckl Biopharma Consulting, LLC	Attn: Kristina Haekl	1887 Fordham Way,		Mountain View	CA	94040		Consulting Agreement
Hasting Toxicology Consulting LLC		3860 Turf Court South		Mount Airy	MD	21771		Consulting Agreement, as amended
Hishani Kirby Associates Ltd.	Attn: Hishani Kirby	95 Oxford Road		Workingham	Berks	RG41 2YI	UK	Consulting Agreement, as amended
HMH-Center for Discovery and Innovation	Center for Discovery and Innovation, Inc.	Hackensack Meridian Health	111 Ideation Way, B104	Nutley	NJ	07110		Research Service Agreement #1
HMH-Center for Discovery and Innovation	Center for Discovery and Innovation, Inc.	Hackensack Meridian Health	111 Ideation Way, B104	Nutley	NJ	07110		Research Service Agreement #2
Hospices Civils de Lyon	Attn: Mrs MAURIS Mathilde	3 Quai des Célestins		Lyon		69002	FR	Sponsored Research Agreement
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	Master Services Agreement
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	SOW
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	Amendment #1 to SOW
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	Data Processing Agmt to MSA
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	Agmt for Provision for equipment
ICTA		11 rue du Bocage		Fontaine les Dijon		21121	FR	Site Agreement
iFlyber, LLC		950 Danby Road		Ithaca	NY	14850		SOW #1
iFlyber, LLC	Attn: Parviz Ghahramani	950 Danby Road		Ithaca	NY	14850		Master Service Agreement
Incellex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		SOW #18, as amended
Incellex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		Master Service Agreement, as amended
Incellex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		SOW #18A

Name	Name (cont'd)	Address	Address (cont'd)	City	State	Zip	Country	Contract Description
Incelerex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		Data Processing Agreement
Incelerex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		SOW #11, as amended
Incelerex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		SOW #15
Incelerex	Attn: Parviz Ghahramani	10 Regency Place		Weehawken	NJ	07086		SOW #16
Intelligize		230 Park Avenue, 7th Floor		New York	NY	10169		Service Agreement
ITR Laboratories Canada Inc.	Attn: Legal Department	19601 boul. Clark Graham	Baie d'Urfe	Quebec		H0X 3T1	CA	SOW #9
ITR Laboratories Canada Inc.	Attn: Legal Department	19601 boul. Clark Graham	Baie d'Urfe	Quebec		H0X 3T1	CA	SOW #8
ITR Laboratories Canada Inc.	Attn: Legal Department	19601 boul. Clark Graham	Baie d'Urfe	Quebec		H0X 3T1	CA	Master Services Agreement, as amended
ITR Laboratories Canada Inc.	Attn: Legal Department	19601 boul. Clark Graham	Baie d'Urfe	Quebec		H0X 3T1	CA	SOW #7
J.M. Miro Infection Disease	Attn: JM Miro, M.D.	Infectious Diseases Unit, Hospital Clinic-IDIBAPS, University of Barcelona		Villarroi, 170 08036	Barcelona	8036	Spain	Master Services Agreement
J.M. Miro Infection Disease	Attn: JM Miro, M.D.	Infectious Diseases Unit, Hospital Clinic-IDIBAPS, University of Barcelona		Villarroi, 170 08036	Barcelona	8036	Spain	Research Agmt #2
JM Sills Consulting LLC (Judith Sills)	Attn: Judith Sills	95 Lawrence Drive		Berkeley Heights	NJ	07922		Consulting Agreement, as amended
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		SOW #10
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		SOW #11
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		Master Services Agreement
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		SOW #7
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		SOW #8
JMI Laboratories, Inc.	Attn: Andrew Fuhrmeister, CEO	345 Beaver Creek Center, Suite A		North Liberty	IA	52317		Material Transfer Agreement
John J. Lipuma, MD, Ph.D.	University of Michigan	8323 MSRB III, SPC 5646	1150 W. Med Cntr Drive	Ann Arbor	MI	48109		Consulting Agreement, as amended
Kaye, Keith S.	Attn: VP Finance	929 Sherwood Road		Bridgewater	NJ	08807		Consulting Agreement
KBI Biopharma, Inc.	Attn: VP Finance	1101 Hamlin Road		Durham	NC	27704		SOW #8
KBI Biopharma, Inc.	Attn: VP Finance	1101 Hamlin Road		Durham	NC	27704		Master Services Agreement, as amended
KBI Biopharma, Inc.	Attn: VP Finance	1101 Hamlin Road		Durham	NC	27704		SOW #7
KBI Biopharma, Inc.	Attn: VP Finance	1101 Hamlin Road		Durham	NC	27704		SOW #9
KBI Biopharma, Inc.	Attn: VP Finance	1101 Hamlin Road		Durham	NC	27704		SOW #10
Labcorp Drug Development Inc.		6 Moore Drive		Durham	NC	27709		Master Services Agreement, as amended
Labcorp Drug Development Inc.		6 Moore Drive		Durham	NC	27709		SOW #1, as amended
Labcorp Drug Development Inc.		6 Moore Drive		Durham	NC	27709		SOW #2, as amended
Labcorp Drug Development Inc.		6 Moore Drive		Durham	NC	27709		SOW #3, as amended
Labcorp Drug Development Inc.		6 Moore Drive		Durham	NC	27709		SOW #1A
Laboratory Specialists, Inc.	Attn: Laura Koeth	1651 A. Crossings Parkway		Westlake	OH	44145		Consulting Agreement
Laboratory Specialists, Inc.	Attn: Laura Koeth	1651 A. Crossings Parkway		Westlake	OH	44145		Master Services Agreement, as amended
Laboratory Specialists, Inc.	Attn: Laura Koeth	1651 A. Crossings Parkway		Westlake	OH	44145		SOW #9
Latham & Watkins, LLC		200 Clarendon Street, Floor 27		Boston	MA	02116		Engagement Letter
Lehoux, Dario		61 Rue de Plaisance	Terrebonne	Quebec		J6Y 0C9	CA	Consulting Agreement, as amended

Name	Name (cont'd)	Address	Address (cont'd)	City	State	Zip	Country	Contract Description
LGC Limited	Attn: Assistant General Manager & Commercial Director, Drug Development Solutions	Queens Road, Teddington		England		TW11 0LY	UK	Master Services Agreement
LifeSci		250 W 55th St, Suite 3401		New York	NY	10019		Partnering Agreement
Lipka Consulting LLC	Attn: Joy Lipka, MS	3764 Christopher Day Road		Doylestown	PA	18902		Consulting Agreement, as amended
Lovelace Biomedical Research Institute	Attn: Legal Department	2425 Ridgcrest Drive SE		Albuquerque	NM	87108		Master Services Agreement
Lundquist Biomedical Research Institute	Attn: Dr. Arnold S. Bayer	Harbor-UCLA Medical Center	1124 W. Carson Street	Torrance	CA	90502		Service Agreement #11-A
Lundquist Biomedical Research Institute	Attn: Dr. Arnold S. Bayer	Harbor-UCLA Medical Center	1124 W. Carson Street	Torrance	CA	90502		Service Agreement #11
Lundquist Biomedical Research Institute	Attn: Dr. Arnold S. Bayer	Harbor-UCLA Medical Center	1124 W. Carson Street	Torrance	CA	90502		Service Agreement #12
Lundquist Biomedical Research Institute	Attn: Dr. Arnold S. Bayer	Harbor-UCLA Medical Center	1124 W. Carson Street	Torrance	CA	90502		Service Agreement #13, as amended